



UNITED STATES PATENT AND TRADEMARK OFFICE

#6 Declaration

Applicant: Shikani *

Serial No. 09/801,486 *

Filed: March 8, 2001 *

For: TRACHEOSTOMY TUBE WITH
ADJUSTABLE QUICK RELEASE
AND METHOD THEREFOR *

Art Unit: 3671

Examiner: Mr. Mital B. Patel

DECLARATION

I ALAN H. SHIKANI, declare and state as follows:

1. I am the applicant on the above-identified application.
2. Attached herewith as Annex A is my curriculum vitae listing my education, employment and publications.
3. My clinical experience with tracheostomy patients has revealed a major problem in current practice in the means for holding the tracheostomy tube in the patient's throat. The neck plate in which the tracheostomy tube is retained is only inoderately effective in holding the tube in place. The neck plate is difficult to secure on the patient because movement of the patient's head is painful and the straps on most neck plates are strips which are tied behind the patient's neck. Even straps which do not require tying require time and may be too tight or too loose. After attachment, the straps and neck plate frequently irritate the patient's neck or allow movement of the tracheostomy tube causing pain or discomfort to the patient.

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Serial No. 09/801,486
Docket No. 20355-PA

The present invention was made to solve this problem. The neck plate and the bands are made from a viscoelastic polymer which does not irritate the patient's neck. This viscoelastic polymeric material has been used for almost twenty (20) years in surgical procedure as a pad to support the patient's head, arm, leg, etc. No one has used the material as an integral part of a neck plate despite the common knowledge over these many years. Also, the bands of the present invention are joined as an integral part of the neck piece and made from the same viscoelastic polymer. This assures the comfort of the patient. Furthermore, the bands are connected by a rapid connect/disconnect member so that the bands may be joined very rapidly without moving the patient's head. In addition, one band was made longer than the other so that the longer band may be slid beneath the patient's head and the connection made on the side of the patient's neck. This avoids the need to lift the patient's head to connect the bands and does not cause pain or discomfort to the patient. An adjuster for the length of the band is accessible without moving the patient's head and the bands can be adjusted to fit snugly, but comfortably.

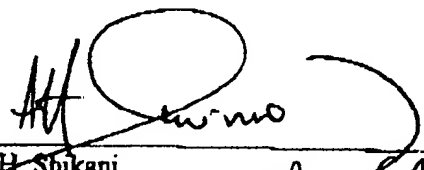
4. I have entered into an exclusive licence agreement with Adam Spence Corporation, a major supplier of medical devices and supplies based in Pennsylvania. This license includes the device disclosed and claimed in the present invention. This major corporation has entered this agreement because of their belief in the commercial application of the device. If no patient protection is secured, Adam Spence Corporation may elect not to manufacture this new tracheostomy tube and neck plate, which would be a significant loss for patients who need it.

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I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

10.28.02

Date



Alan H. Shikani MD, FACS

RMG/chb

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Alan H Shikani MD, FACS

Curriculum Vitae
Alan Henry Shikani MD, FACS

Personal Data:

Date of birth: January 9, 1956
Place of Birth: Beirut, Lebanon
Nationality: USA, Lebanon
Marital Status: Married to Lama Takla-Shikani M.D.
Children: Henry (1986), William (1988) and Patrick (1992).

Address:

(home): 11 Johnson Mill Road
Baltimore, Maryland 21204-3549
Phone: (410) 825 5777
Fax : (410) 825 5778
E-mail: Shik11@aol.com

(office): Good Samaritan Prof. Bldg., Suite 104
5601 Loch Raven Boulevard
Baltimore, Maryland 21239
Phone: (410) 532 4848
Fax: (410) 532 4847

Positions:

President: Towson Ear, Nose & Throat, LLC

Assistant Professor, Department of Otolaryngology-Head and Neck Surgery,
The Johns Hopkins Medical Institutions.

Chief, Division of Otolaryngology-Head and Neck Surgery,
The Good Samaritan Hospital, Baltimore.

Associate Chairman, Department of Surgery,
The Good Samaritan Hospital, Baltimore.

Director, Voice Center
The Good Samaritan Hospital, Baltimore.

CEO & Chairman of the Board, Chondros, Inc.

President, American University of Beirut-Alumni, Greater Baltimore Chapter

Education:

Grade and High School education:

College de la Sagesse, Beirut,
Lebanon, 1960-1973
(Graduation with distinction).

Premedical education:

American University of Beirut,
1973-1976, Bachelor of Science
in Biology and Chemistry.
(Graduation with distinction).

Medical education:

American University of Beirut-Medical Center, 1976-1981,
Doctorate in Medicine

Graduate Medical Training:

Internship in Internal Medicine
The American University of Beirut-Medical Center,
July 1980-June 1981.

Research Fellowship in Tumor Biology and Immunology
The Burroughs Wellcome Co. and Duke University
North Carolina, Jan.1981-Sept.1981.

Residency in Internal Medicine
The American University of Beirut-Medical Center,
July 1981-June 1982.

Residency in General Surgery
The American University of Beirut-Medical Center,
July 1982- June 1983.

Residency in Otolaryngology-Head and Neck Surgery
The American University of Beirut-Medical Center,
July 1983-June1984.

Fellowship in Otolaryngology-Head and Neck Surgery
The Johns Hopkins Medical Institutions, Baltimore,
July 1984-June 1986.

Residency in General Surgery
The Union Memorial Hospital, Baltimore,
July 1986-June 1987.

Residency in Otolaryngology-Head and Neck Surgery
The Johns Hopkins Medical Institutions, Baltimore,
July 1987-June 1990.

Instructor, Department of Otolaryngology-Head and Neck Surgery
The Johns Hopkins Medical Institutions, Baltimore,
July 1991-June 1995

Assistant Professor, Department of Otolaryngology-Head and Neck Surgery
The Johns Hopkins Medical Institutions, Baltimore,
July 1995 to date.

Specialty Interests:

Head & Neck Cancer Surgery
Nasal and Sinus Surgery

Major Research Interest:

Head & Neck Cancer Biology & Therapy
Endoscopic Sinus Surgery

Personal Interests and Hobbies:

Tennis, downhill skiing, scuba diving, hunting, chess, travel.

Fluently Spoken and Written Languages:

English, French, Arabic.

Investigator and Sponsor for IRB approved Clinical Studies:

Study to determine the concentration of grepafloxacin in sinus tissue of patients with chronic sinusitis (sponsored by Glaxo Wellcome, 1998).
Principal Investigator.

Study to determine the efficacy and safety of Augmentin q12 hours in the treatment of chronic bacterial maxillary sinusitis. (Sponsored by Smith Kline Beacham, 1999). *Co-Investigator.*

Study to evaluate the efficacy of a new device for management of the difficult airway) (sponsored by *Clarus Medical, LLC*, 1999). *Principal Investigator.*

Study to determine the efficacy of a new tracheotomy tube and new cannula (sponsored by Adam-Spence Corporation, 2002). *Principal Investigator.*

Certifications:

National Board I,	1978
National Board II,	1980
ECFMG Examination,	1980
Flex Examination,	1984
ATLS (Advanced Trauma Life Support),	1987
ACLS (Advanced Cardiac Life Support),	1987
Diplomat, American Board of Otolaryngology	1992
Fellow, The American College of Surgeons	1994
Fellow, The American Academy of Facial Plastic and Reconstructive Surgery	1994

Licensure:

State of Maryland License No. D35559 1987

Honors and Awards:

The Third Annual Mid-Atlantic Resident Research Symposium of the Uniformed Services University of the Health Sciences, Bethesda, Maryland, May 6, 1989, First prize.

The Southern Medical Association meeting, Washington D.C., November 5-8, 1989, First prize.

The Maryland Society of Otolaryngology-Head and Neck Surgery, Baltimore Maryland, March 3, 1990, First prize.

Basic science research award of the American Society of Head & Neck Surgery, The Combined Spring Meeting, Palm Beach, Florida, April 30-May 1, 1990, First prize

The Fourth annual mid-Atlantic resident research Symposium of the Uniformed Services University of the Health Sciences, Bethesda, Maryland, May 12, 1990, First prize.

The Maryland Society of Otolaryngology-Head and Neck Surgery, Baltimore Maryland, March 19, 1991, First prize.

The XV World Congress of Otorhinolaryngology-Head & Neck Surgery Vth Festival of Scientific Video, Istanbul, Turkey, June 20-25, 1993, Gold Medal.

Maurice H. Cottle Award for Clinical and Basic Research in Rhinology. The American Rhinologic Society, September 21, 2002

Professional Societies:

The Alpha Omega Alpha Honor Medical Society,	1982.
The American Medical Association,	1987.
The American Academy of the Facial Plastic Reconstructive Society	1987.
The American Academy of Otolaryngology-Head and Neck Surgery,	1987.
The American Academy of Otolaryngologic Allergy,	1988.
The American College of Surgeons,	1988
The American Rhinological Society,	1992
The Triologic Society	2000

Committee Membership:

Medical Executive Committee, Fallston General Hospital	1995-1997
American University of Beirut Alumni-Medical Association	1995-present
American Task Force for Lebanon	1996-present
International Otolaryngology Committee of the American Academy of Otolaryngology-Head and Neck Surgery	1996-2000
Medical Executive Committee, Good Samaritan Hospital	1998-2000
President, American University of Beirut-Alumni, Greater Baltimore Chapter	1999-2002

Patents:

Shikani A: "Middle Meatal Antrostomy Ventilation Tube ". U.S. Patent No 5, 246, 455 (issued September, 21, 1993).

Domb A., Shikani A.: "Method and Device for Inhibiting HIV, Hepatitis B, and other Viruses and Germs when using a Catheter in a Medical Environment"". U.S. Patent No 5, 344, 411 (issued September 6, 1994).

Shikani A., Domb A.: "Method and Device for inhibiting HIV, Hepatitis B and other Viruses and Germs using a Needle, Scalpel, and other Sharp Instrument in a Medical Environment". U.S. Patent No 5,437,656 (issued August 1, 1995).

Shikani A., Domb A., Haffer A, Maniar M: "Anti-Infective and Anti-Inflammatory Releasing Systems for Medical Devices". U.S. Patent No 5,512,055 (issued April 30, 1996).

Shikani A., Domb A.: "Anti-infective polymer-iodine coating for blood collection and delivery systems". U.S. Patent No 5,695,458 (issued December 9,1997).

Shikani A., Domb A.: "Anti-infective and Anti-inflammatory releasing systems for medical devices". U.S. Patent No 5,762,638 (issued December,1999).

Barthel T, Brown M, Shikani A.: "Hand-held system with removable sheath" US Patent No 5,921,917 (issued July 13, 1999)

Barthel T, Shikani A, Brown M, Klemmer G: "Viewing System with Adapter Handle for Medical Breathing Tubes" US Patent No 5,941,816 (issued August 24, 1999)

Hungerford D, Frondoza C, Sohrabi A, Shikani A, Domb A: "Cell Culture and Polymer Constructs" U.S. Patent No 6,378,527 B1 (issued April 30, 2002).

Hungerford D, Frondoza C, Sohrabi A, Shikani A, Domb A: "Cell Culture and Polymer Constructs" (International Patent No PCT/US00/06541) (issued September 2000)

Hungerford D, Frondoza C, Sohrabi A, Shikani A, Domb A: "Cell Culture and Polymer Constructs" (US Patent Serial Application No 09/712,662) (filed 1999)

Domb A, Shikani A: "Polymer Constructs" (US Patent Serial Application No 60/081,016) (filed 2000).(pending)

Domb A, Shikani A: "Polymer Constructs" (US Patent Serial Application No 60/228,855) (filed 2000) (pending).

Frondoza C, Hungerford D, Domb A, Fink D, Shikani A,: "Method for fabricating cell-containing implants" (US Patent Serial Application No 09/825,632) (filed 2000).

Shikani A, French J: "A speaking valve for a tracheotomy tube" (US Patent Serial Application No 00/791,927) (filed 2000)

Shikani A, French J: "Tracheotomy tube with adjustable quick release and method thereof" (US Patent Serial Application No 09/9801,486) (filed 2000)

Frondoza C, Hungerford D, Shikani A, Domb A, Fink D, Bloom L: "Method fro Composite Cell-Based Implants". (US Patent Serial Application Ref No 2109-PA-CIP) (filed 2001).

Inventions/Products brought to Market:

The Shikani Middle Meatal Antrostomy Stent (use: to prevent adhesions complications in Endoscopic sinus surgery) (brought to market by *Micromedics, Inc* 1994.)

The Shikani Seeing Stylet (use: to assist in intubation for the management of the difficult airway) (brought to market by *Clarus Medical, LLC*, 1997)

The Shikani-French Speaking Valve (use: voice restoration in tracheotomy patients) (brought to market by *Pilling Weck Surgical, Inc.* 1998)

The Shikani-French Tracheotomy Tube with inner cannula-speaking valve (use: voice restoration in tracheotomy patients) (brought to market by *AdamSpence, Inc.* 2002)

**National and International
Meetings (*Presented by co-author):**

1984

Waldeyer's Ring Lymphoma *
Second International Conference on Malignant lymphoma
Lugano, Switzerland, June 13-16, 1984

Primary Lymphoma of the Salivary Glands.
First International Conference on Head and Neck Cancer,
Baltimore, Maryland, July 22-27, 1984

Warthin's Tumor-Associated Neoplasms.
First International Conference on Head and Neck Cancer,
Baltimore, Maryland, July 22-27, 1984

Tumor Necrosis Factor, Characteristics and Mechanism of action*
Fourth International Lymphokine Workshop, West Germany
October, 1984

Histiocytosis of the Temporal bone*
Crowe Symposium on Temporal Bone Surgery,
The Johns Hopkins Hospital, Baltimore, Maryland
November 9-10, 1985

Infantile Subglottic Hemangiomas, an Update.
XIII World Congress of Otorhinolaryngology
Miami Beach, Florida, May 26-31, 1985

Surgical Management of Giant Hemangiomas of the Head and Neck.
XIII World Congress of Otorhinolaryngology
Miami Beach, Florida, May 26-31, 1985

Injuries to the Head and Neck Area: A 10-Year War Experience in Lebanon
XIII World Congress of Otorhinolaryngology
Miami Beach, Florida, May 26-31, 1985

Nasal Septal Hemangiomas.
XIII World Congress of Otorhinolaryngology
Miami Beach, Florida, May 26-31, 1985.

Hemangiomas of the Submandibular Glands.
XIII World Congress of Otorhinolaryngology
Miami Beach, Florida, May 26-31, 1985.

Inverting Papillomas*
Endoscopic Sinus Surgery Course,
The Johns Hopkins Hospital
Baltimore, Maryland, June 12-13, 1985

1986

Second Primary malignancies in Patients with Salivary Gland or Thyroid Cancers*

The Southern Section Meeting of the Triologic Society of Otolaryngology, Rhinology and Laryngology, Orlando, Florida, January 16-18, 1985

Multiple Primary Malignancies in Head and Neck Cancer. The 28th Annual Meeting of the American Society for Head and Neck Surgery, Palm Beach, Florida, May 7-8, 1986

1989

Viral Ototoxicity: A Chick Embryo Otocyst Organ Culture Model. The meeting of the American Academy of Otolaryngology-Head & Neck Surgery, New Orleans, Missouri, September 26-31, 1989

Radioimmunotherapy for Squamous Cell Carcinoma of the Head & Neck. The American College of Surgeons Clinical Congress, Atlanta, Georgia, October 15-20, 1989

1990

The Treatment of Head & Neck Cancer with Radiolabeled Antiferitin Antibodies.

The Combined Spring Meeting, Palm Beach, Florida

April 30-May 1, 1990. *First Prize, Basic Science Research Award of the American Society of Head & Neck Surgery, The Combined Spring Meeting, 1990*

1993

Polymer Chemotherapy for Squamous Cell Carcinoma of the Head and Neck.

The Combined Spring Meeting, Los Angeles, California

April 20-22, 1993.

The Effect of Viruses on the Development of the Embryonic Inner Ear: A Time-Lapse Video.

The XV World Congress of Otorhinolaryngology-Head & Neck Surgery, Istanbul, Turkey, June 20-25, 1993

Gold Medal Vth Festival of Scientific Video.

A New Middle Meatal Antrostomy Stent

International Advanced Sinus Symposium,

Philadelphia, Pennsylvania July 21-24, 1993

1995

Middle Meatal Antrostomy and Stenting after Sinus Surgery

The Johns Hopkins Medical & Surgical Association Biannual Meeting, Baltimore, June 9-10, 1995

Functional Endoscopic Sinus Surgery: Basic Anatomy,
Pathophysiology and Technique.
The First National Congress of Otolaryngology-Head & Neck
Surgery, Lebanon, July 8-9, 1995

Advances in Functional Endoscopic Sinus Surgery.
The First National Congress of Otolaryngology-Head & Neck
Surgery, Lebanon, July 8-9, 1995

Patent it. An Introduction to Intellectual Property.
The 99th Annual Meeting of the American Academy of Otolaryngology-
Head and Neck Surgery,
New Orleans, Louisiana,
September 17-20, 1995

1996

In vitro effectiveness of polymer chemotherapy against squamous cell
carcinomas of the head & neck
4th International Conference on Head and Neck Cancer
Toronto, Canada, July 28-August 1, 1996

Patent it. An Introduction to Intellectual Property.
The 100th Annual Meeting of the American Academy of Otolaryngology-
Head and Neck Surgery,
Washington, D.C. September 19-22, 1996

1997

The treatment of squamous cell carcinomas of the head & neck using
multiple polymer chemotherapy drugs. The Johns Hopkins Medical &
Surgical Association Biennial Meeting, Baltimore, June 5-7, 1997

Patent it. An Introduction to Intellectual Property.
The 101th Annual Meeting of the American Academy of Otolaryngology-
Head and Neck Surgery,
San Francisco, CA, September 7-10, 1997

1998

Patent it. An Introduction to Intellectual Property.
The 102th Annual Meeting of the American Academy of Otolaryngology-
Head and Neck Surgery,
San Antonio, TX, September 10-13, 1998

1999

A New Scope and Method for Management of the Difficult Airway.
The Johns Hopkins Medical and Surgical Association,
Baltimore, Maryland, June 10-12, 1999

2000

Phenotypic Expression of Human Chondrocytes Obtained from Articular, Nasal, and Ankle Cartilage*
Orthopaedic Research Society
46th Annual Meeting
Florida, March 12-12, 2000

The Shikani Seeing Stylet, a new tool for the management of the difficult airway.

SLAM 2000 Emergency Airway Conference on Prehospital and Hospital Airway Management,
Dallas, Texas, March 2000

The management of the difficult airway.

SLAM 2000 Emergency Airway Conference on Prehospital and Hospital Airway Management,
Dallas, Texas, September 2000

2001

Difficult airway management, the Otolaryngology Perspective
SLAM 2001 Emergency Airway Conference on Prehospital and Hospital Airway Management,
Dallas, Texas, April 2001

Arabinogalactan chitosan polymers seeded with nasal chondrocytes for cartilage repair*. Society for Biomaterials 27th Annual meeting Transactions 26:328, 2001

Microcarrier spinner cultures of human nasal chondrocytes produce cartilage-like tissue*. Society for Biomaterials 27th Annual meeting Transactions 26:448, 2001

Proliferative capacity, alpha 2 integrin, and phenotype expression of human nasal and articular chondrocytes propagated on a flexible silicone membrane*. Society for Biomaterials 27th Annual meeting Transactions 26:448, 2001. *Orthopedic Student Research Award.*

2002

Human Nasal Chondrocytes Propagated on Flexible Silicone Membrane Respond to Biaxial Cyclic Strain*, Society of Biomaterials
April 24-27, 2002

Bioengineering of Cartilage using Human Nasal Chondrocytes Propagated in Microcarrier Spinner (Accepted for Publication, American J Rhinology).
Maurice Cottle Award for Best Research Paper in Rhinology, The American Rhinologic Society, September 2002

COURSES TAKEN:

Endoscopic Sinus Surgery, The Johns Hopkins Medical Institutions:

June 12-13, 1985.

Sept. 30-Oct. 2, 1985.

June 15-17, 1988.

Jan. 5-7, 1989.

July 13-15, 1989.

Jan. 4-6, 1990

June 13-15, 1991

Endoscopic Sinus Surgery, Case Western University

Feb. 18-19, 1989

Temporal Bone Dissection Course, The House Ear Institute

May 21-27, 1989

KTP Laser Course, The Greater Baltimore Medical Center,

Baltimore, Maryland, Feb. 20, 1988.

Biennial Symposium on Rhinoplasty 1990,

Portland, Oregon July 30-Aug. 5, 1990.

Colloquia and workshops on Laryngeal Disorders,

The Johns Hopkins Medical Institutions, September 10-12, 1992

International Advanced Sinus Symposium,

Philadelphia, Pennsylvania July 21-24, 1993

Laser Surgery Workshop, the American Academy of the Facial Plastic Reconstructive Society

Fall meeting, September 13, 1995

Advanced Endoscopic Sinus Surgery, The Johns Hopkins Medical Institutions,

January 24-26, 1996

Phonosurgery Tutorial and Hands-on Workshop,

Vanderbilt University Medical Center,

Nashville, TN April 28-29, 2000

Emergency Airway Conference on Prehospital and Hospital

Airway Management (SLAM 2000),

Dallas, Texas, March 2000

Emergency Airway Conference on Prehospital and Hospital

Airway Management (SLAM 2000),

Dallas, Texas, September 2000

PUBLICATIONS:

1. Shikani, A., Samara, M.: Non-Cardiogenic Pulmonary edema Secondary to Venous Air Embolism. Report of a case and Review of the Literature. Mid. East J. Anesthesia. 7: 425-436,1984.
2. Elias, A., Shikani, A.: Rhinocerebral Mucormycosis With Internal Carotid Occlusion. Report of Two Cases and Review of the Literature. Laryngoscope 1107: 1113-1118,1985.
3. Ghorayeb, B., Shikani, A.: The Use of Dexamethasone in Pediatric Bronchoscopy, J. Laryngol. Otol. 99: 1127-1129,1985.
4. Shikani, A. , Jones M., Marsh B., Holliday, M. : Infantile Subglottic Hemangioma, The Experience at the Johns Hopkins Hospital and Review of the Literature. New Dimensions in Otorhinolaryngology-Head and Neck Surgery. E.N. Myers (Ed.) Excerpta Medica, Amsterdam-New York, 1985, pp. 589-591.
5. Kennedy, D., Nager, G., Shikani, A. Zinkham, W.: Otologic Involvement in Histiocytosis-X . New Dimension Otorhinolaryngology- Head and Surgery. E.N. Myers (Ed.) Excerpta Medica, Amsterdam-New York, 1985, pp 462-463.
6. Shikani A., Shehadi, S.: Surgical Treatment of Giant Hemangiomas of the Head and Neck.New Dimensions in Otorhinolaryngology-Head and Neck Surgery. E.N.Myers (Ed.) Excerpta Medica, Amsterdam-New York, 1985,pp. 524-526.
7. Shikani, A., Jones, M. Marsh, B., Holliday, M.: Infantile Subglottic Hemangioma, an Update. Ann.Otol. Rhinol. Laryngol. 95: 336-347,1986.
8. Shikani, A., Shehadi, S. : Surgical Management of Giant Hemangiomas of Head and Neck. Otolaryngol. Head & Neck Surg. 94: 113-122,1985.
9. Shikani, A., Matanoski, G., Jones, M., Kashima, H., Johns, M.: Multiple Primary Neoplasms in Head and Neck Cancer. Arch. Otol. Head and Neck Surgery. 112: 1172-1179,1986.
10. Johns, M., Shikani, A., Kashima, H., Matanoski,G.: Multiple Primary Neoplasms in Patients with Salivary or Thyroid Glands Tumors. Laryngoscope 96: 718-721,1986.
11. Zaytoun, G., Shikani, A., Salman, S., Head and Neck War Injuries: 10-Year Experience at the American University of Beirut Medical Center. Laryngoscope 96: 899-903, 1986.
12. Johns, M. Shikani, A.: Complications and Sequelae of Salivary Gland Surgery. In Complications in Otolaryngology-Head and Neck Surgery. M.E. Johns (Ed.), B.C. Decker, Toronto, 1986,pp 153-162.
13. Shikani, A., Salman, S., Melhem, R.: Unilateral Pulmonary Edema with Contralateral Foreign Body Aspiration. Laryngoscope 97: 748-751,1987.
14. Shikani A., Allam. C., Salem, P., Samara, M.,Lenhard, R.: Primary Lymphoma of the Salivary Glands. Laryngoscope 97: 1438-1442, 1987.
15. Richtsmeier, W., Shikani, A. : Immunology of the Pharyngeal Tonsils. Otolaryngol. Clinics N.A. 29:219-228,1987.

16. Allam C., Shikani, A., Slim, M., Takla, L.: Primary Angiosarcoma of the Heart. A Case Report and Review of the Literature, Vascular Surg. 9: 142-148, 1987.
17. Shikani, A., Johns, M.: Salivary Gland Neoplasms in Children. Head and Neck Surg. March/April 1988, pp 257-263.
18. Nguyen T.H., Klein J.L., Order S.E., Shikani A.H., Richtsmeier W.R.: Tumor Localization of Radiolabeled Antiferitin in Head and Neck Cancers Implanted in the Nude Mouse. Antibody, Immunoconjugates and Pharmaceuticals: 1(2): 181-188, 1988.
19. Shikani A., Goins M.: Cholesterol Granuloma of the Temporal Bone. Arch. Otolaryng. Head&Neck Surg.: 115(12): 1476-1479, 1989.
20. Shikani, A., Hadi, U. Mufarrij, A., Zaytoun, G. Mycobacterial Cervical Adenitis. Ear, Nose & Throat J.: 68(9): 660-672, 1989.
21. Shikani, A. Shikani, L., Briscoe, P.: Salmonella Neck Abscess, Report of a Case and Review of the Literature Arch. Otol. Head&Neck Surg. 116: 88-91, 1990.
22. Kennedy, D., Shikani, A. : Treatment of Sinusitis Conn's Current Therapy, R.E. Rakel (ed.), W.B. Saunders, Philadelphia, pp 187-189, 1990.
23. Zaytoun G., Mufarrij A., Hadi U., Shikani A., Salman S.: Hemangioma of the nasal septum, a clinicopathological profile. Annals Saudi Med., 11(1):67-72, 1991.
24. Tarazi, T.; Shikani, A., : Irreversible Unilateral Visual Loss due to Acute Sinusitis. Arch. Otol. Head&Neck Surg. 117 (12):1400-1401, 1991
25. Shikani, A. Richtsmeier, W.: The Effect of Viruses and Interferon on Chick Embryo Otocyst Organ Culture. Annals Otol. Laryng. Rhinol. 100: 1020-1023, 1992. *Gold Medal Vth Festival of Scientific Video The XV World Congress of Otorhinolaryngology-Head & Neck Surgery, Istanbul, Turkey, 1993.*
26. Shikani, A., Price J.: Reconstructive Surgery of the Lip .In Facial and Plastic Reconstructive Surgery. I. Papel, N. Nachlas (ed.), Mosby, St Louis, 1992, pp 418-423.
27. Shikani, A. Richtsmeier, W.: Angiofibroma tumor Model, Hormonal Manipulation in Nude Mice and in Vitro Arch. Otol. Head & Neck Surg. 118:256-259, 1992.
28. Shikani, A., Richtsmeier, W., Klein J., Kopher K.: Radiolabeled Antibody Therapy for Squamous Cell Carcinoma of the Head and Neck. Arch. Otol. Head & Neck Surg. 118:521-525, 1992. *First prize, Basic Science Research Award of the American Society of Head & Neck Surgery, The Combined Spring Meeting, 1990*
29. Shikani, A., Shikani, L., Kuhajda, F., Allam, C.: Whartin's Tumor-Associated Neoplasms: Report of Two Cases and Review of the Literature. Ear, Nose & Throat J. 72(4):264-273, 1993.
30. Shikani, A., Kelly J.: Endoscopic Debulking of an Aggressive Pituitary Adenoma. American J. Otolaryngol. 14(4): 254-256, 1993.

31. Shikani, A. : A New Middle meatal antrostomy Stent For Endoscopic Sinus Surgery. Laryngoscope. 104: 638-641, 1994
32. Shikani, A., Eisele, D., Domb, A. : Polymer Delivery of chemotherapy for Squamous Cell Carcinoma of the Head and Neck. Arch. Otolaryngol. Head Neck Surg. 120 (11): 1242-1247, 1994. *First prize, Resident Research Symposium of the Uniformed Services University of the Health Sciences, Bethesda, 1990.*
33. Soleiman A, Shikani A: Synovial Sarcoma of the Hypopharynx. Arch. Otolaryngol. Head Neck Surg. 121 (9): 1059-1062, 1995.
34. Saada A, Shikani A, Niparko J: Ectopic Internal Carotid Artery within the Petrous Temporal Bone. Arch. Otolaryngol. Head Neck Surg. 122(7): 792, 1996.
35. Shikani A: A middle Meatal Antrostomy Stent for Pediatric Endoscopic Sinus Surgery Am J Rhinology 10 (4): 225-228, 1996.
36. Shikani A, St Clair M, Domb A: Polymer-Iodine Inactivation of the Human Immunodeficiency Virus J. Am College Surgeons 183: 195-200, 1996.
37. Shikani A: Expandacell®, A New Sponge for Endoscopic Sinus Surgery. ENT Journal 75(8): 518-521, 1996.
38. Shikani A: Use of Antibiotics for Expansion of the Merocel® Packing following Endoscopic Sinus Surgery. ENT Journal 75(8): 524-528, 1996.
39. Armstrong M, Shikani A: Nasal Septal Necrosis Mimicking Wegener's granulomatosis in a Cocaine Abuser. ENT Journal 75(9): 623-626, 1996.
40. Shikani A: Medical and Surgical therapy for sinusitis- a Head and Neck Surgeon's perspective. www.Medscape.com (Internet manuscript).
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WORK IN PROGRESS:

1. Shikani A, Dietrich K: Clinical Comparison of the Effectiveness of Different One-Way Speaking Valves.
2. Shikani A, Dietrich K: A new tracheotomy tube with an inner cannula-speaking valve.